

# Converting Colors

Hex(4E6557)

Have a look what the booklet for  
Hex(4E6557) contains.

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# Color

**Hex(4E6557)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4E6557
RGB	78, 101, 87
RGB Percent	31%, 40%, 34%
CMY	0.6941, 0.6039, 0.6588
CMYK	0.23, 0.00, 0.14, 0.60
HSL	143°, 13%, 35%
HSV	143°, 23%, 40%
XYZ	9.5159, 11.6152, 10.7572
YIQ	92.5270, -9.2140, -9.2300

# Conversions

## Conversions Part 2

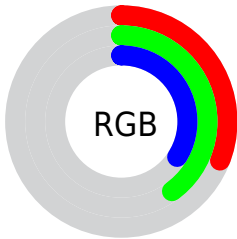
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 95, 101
Decimal	5137751
CIE Lab	40.60, -11.79, 5.12
CIE LCh	41, 12.852, 156.500
Yxy	11.6152, 0.2984, 0.3642
Android (android.graphics.Color)	4283327831 (0xFF4E6557)
YUV	92.5270, -2.7248, -12.7402
Hunter-Lab	34.0811, -9.8024, 5.1426

# Details

The Hex color **4E6557** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **654E5C**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7F9889**, and **21362A** is the 20% darker color. If you saturate the color by 10%, you get **446551**, and if you desaturate by 10%, it is **58655D**.

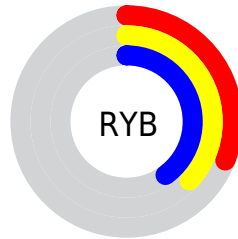
# Distribution



Red (31%)

Green (40%)

Blue (34%)



Red (31%)

Yellow (37%)

Blue (40%)

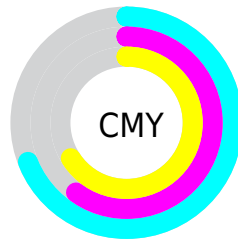


Cyan (23%)

Magenta (0%)

Yellow (14%)

Black (60%)



Cyan (69%)

Magenta (60%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E6557 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 4E6557 by changing the saturation by 10% instead.





4E6557



4E6557

FFFFFF



374D40



7F9889



21362A



9AB3A3



0C2115



B4CEBE



000400



D0EBDA



000000



ECFFF6



4E6557



4E6557



446551



58655D



3A654B



626563

■ 306545

■ 6C6569

■ 26653E

■ 766570

■ 1C6538

■ 816576

■ 116532

■ 8B657C

■ 07652C

■ 956582

■ 006528

■ 9F6588

■ A9658E

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



5A634F



4E6557



456662

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4E6557



576074



755954

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4E6557



654E5C

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75585E



4E6557



645C71

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4E6557



4A6373



6F5968



6F5C4D

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4E6557



436669



6F5968



765957



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4E6557



79827D



5C654E



3D423F



C2C2C2



424242



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4E6557



5F826D



4E6562



2E3330



00732D



00F25F



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



654E5C



825F74



654E51



332E31



730046



F20093



# Previews

## White Background



This preview shows how the Hex color 4E6557 looks on a white background.

## Color Contrast Check

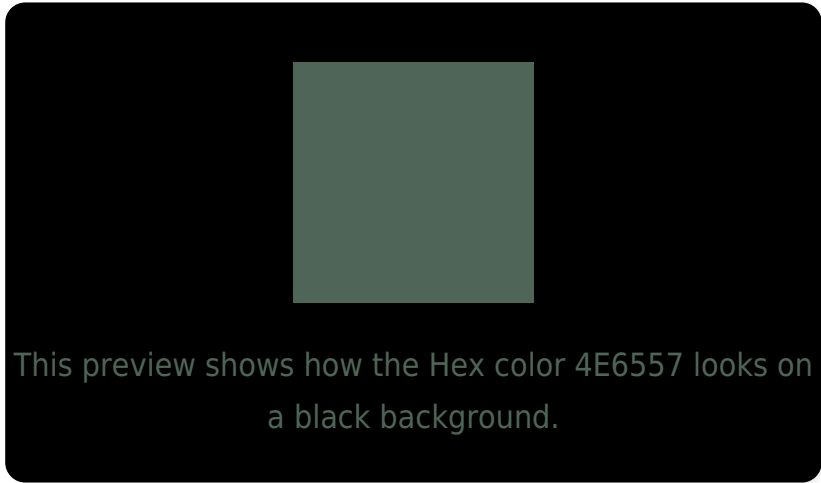
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

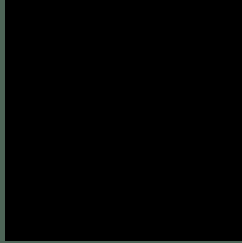
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4E6557 Background



This preview shows how black text looks on a background with the Hex color 4E6557.



This preview shows how white text looks on a background with the Hex color 4E6557.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

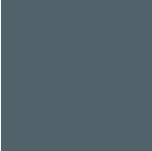
## Dichromacy



**Original Color**  
4E6557

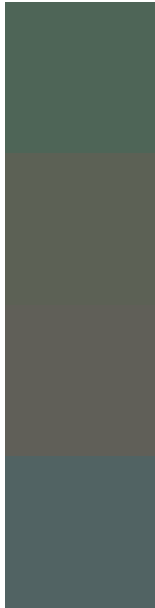
**Protanopia**  
645F54

**Deuteranopia**  
6B5C59



**Tritanopia**  
52626A

# Trichromacy



**Original Color**  
4E6557

**Protanomaly**  
5C6155

**Deuteranomaly**  
605F58

**Tritanomaly**  
516363

# Monochromacy



**Original Color**  
4E6557

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
58605B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E6557 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #4E6557 looks like.

```
.text, #text, p{  
    color:#4E6557  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #4E6557 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E6557
}
```

## Border

The CSS property to change the border of an element to Hex 4E6557 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E6557 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#4E6557 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #4E6557 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E6557; -webkit-box-shadow:4px 4px  
4px 4px #4E6557; box-shadow:4px 4px 4px  
4px #4E6557 }
```

# Background

The CSS property to change the background color of an element to Hex 4E6557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E6557 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#4E6557 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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